

Ostelișanu, E., & Elefteriu, G. D.

*Considerații generale asupra regimului precipitațiunilor atmosferice în România.* Bucharest. 1921. 16 p. 23 cm.

Peltier, George Leo.

Influence of temperature and humidity on the growth of *Pseudomonas citri* and its host plants and on infection and development of the disease. [Excerpt from Journal of agricultural research, Washington, v. 20, no. 6, p. 447-506.] [Abstract in Mo. WEATHER REV., Dec., 1920, 48.]

Schneider, Karl.

Inversion at the base of stratus mammatus. [Tr. from the German by W. W. Reed.] [MS. 6 p.]

#### RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. F. TALMAN, Professor in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

*Aérophile.* Paris. 29. année. 1-15 fév., 1921.

Guiche, A. de Gramont, Duc de. La navigation aérienne par temps de brume. p. 42-45.

*American journal of science.* New Haven. (5) v. 1. Apr., 1921.

Schuchert, Charles. Evolution of geologic climates. p. 320-324. [Abstract in later REVIEW.]

*Aviation and aircraft journal.* New York. v. 10. Mar. 28, 1921.

What airmen can do for meteorology. p. 397-398.

*Engineering news-record.* New York. v. 86. Apr. 7, 1921.

Allen, Kenneth. Prediction of probable rainfall intensities. p. 588-590. [Rainfall intensity frequencies at New York City for use in engineering.]

France. Académie des sciences. *Comptes rendus.* Paris. T.172. 1921.

Chudeau, R. Les changements de climat du Sahara pendant el quaternaire. p. 604-607. (7. mars.) [Abstract in later REVIEW.]

Delcambre. Sur un cas de comblement brusque d'une dépression. p. 701-703. (14. mars.)

Dongier, R. Les oscillations simultanées de la température et du vent au sommet de la Tour Eiffel et leur relation avec la surface directrice (Bjerknes) d'une dépression. p. 699-701. (14. mars.) [Abstract p. 158-159, above.]

Schereshevsky, Ph. Sur la brume sèche. p. 760-762. 21. mars.) [Characteristics of the dry fog which menaces aviation in France.]

*Geographical journal.* London. v. 57. Mar., 1921.

Schwarz, E. H. L. Control of climate by lakes. p. 166-181. [Abstract in later REVIEW.]

Harvard College. Astronomical observatory. *Annals.* Cambridge. v. 83. pt. 5. 1920.

McAdie, Alexander. Symbols in science. p. 218-229.

*Heating and ventilating magazine.* New York. v. 18. Feb., 1921.

Davies, Reid. Some temperature probabilities for March. p. 37-39. [Graphs for New York, Boston and Chicago.] [Abstract p. 160, above.]

Lyon, E. P. Physiological heat regulation and the problem of humidity. p. 43-45. [Abstract in later REVIEW.]

*Journal of geology.* Chicago. v. 29. Feb.-Mar., 1921.

Davison, Charles. Volcanic earthquakes. p. 97-124.

*Meteorological magazine.* London. v. 55. Jan., 1921.

Shaw, Sir Napier. Artificial dissipation of fog. p. 265-268.

*Nature.* London. v. 107. Mar. 31, 1921.

Cave, C. J. P. Sound of distant gun fire. p. 140.

Rayleigh. Common occurrence of aurora in the south of England. p. 137. [As observed spectroscopically.]

Simpson, G. C. Origin of the south-west monsoon. p. 154. [Abstract.] [Abstract in later REVIEW.]

*Nature.* Paris. 49. année. 26. mars, 1921.

Glangeaud, Ph. Les tremblements de terre du massif central. p. 202-203.

*Physikalische Zeitschrift.* Leipzig. 22. Jahrg. 15. Jan., 1921.

Wigand, Albert. Messungen der Ionisation und Ionenbeweglichkeit bei Luftfahrten. p. 36-46.

*Royal society of Edinburgh. Proceedings.* Edinburgh. v. 40, pt. 2, sess. 1919-1920.

Aitken, John. Thermometer screens. p. 172-181. [Abstract in later REVIEW.]

*Science.* New York. v. 53. Apr. 8, 1921.

Meisinger, C. Le Roy. Physiological meteorology. p. 337-339. [Note on Mo. WEATHER REV. articles.]

*Scientific American monthly.* New York. v. 8. Apr., 1921.

Jacques, Peyrigne. Snow as a fertilizer. The influence of snow upon the development of spring vegetation. p. 315. [Abstract in Mo. WEATHER REV., Apr., 1920. 48: 222.]

Weed, Arthur J. Cloud photography. p. 296-300. [Rep. from Mo. WEATHER REV.]

*Scientific monthly.* New York. v. 12. Apr., 1921.

Ward, Robert DeC. Climate and health, with special reference to the United States. p. 355-378. [Abstract in Mo. WEATHER REV., Dec., 1920. 48: 690-691.]

*Scottish meteorological society. Journal.* Edinburgh. (3) v. 18. no. 57. 1921.

Douglas, C. K. M. Thunderstorms in Scotland and their probable explanation. p. 1-13-154. [Abstract in later REVIEW.]

Franklin, T. Bedford. What happens to the rain? An experiment in hydrology. p. 155-160. [Abstract in later REVIEW.]

Knott, C. G. Colours of sky and cloud. p. 133-142.

Knott, C. G. John Aitken, LL. D., F. R. S., F. R. S. E. p. 129-132. [Obituary.]

*Sociedad astronómica de España y América. Revista.* Barcelona. Año 11. Enero-Febrero, 1921.

Selga, Miguel. Ligeros apuntes sobre el temblor del 16 de septiembre de 1852 en Filipinas. p. 9-10.

*Wetter.* Berlin. 33. Jahrg. Jan./Febr., 1921.

Hofmann, Otto. Einfluss der Kahlen-Asten-Massivs auf die Niederschläge. p. 20-25. [Relations between wind direction and precipitation at different altitudes.]

Köhler, K. Die Sonnenstrahlung auf Teneriffa im Vergleich zu Gebirge und Küste Mitteleuropas. p. 6-11.

Knoch, K. Die schnellen Luftdruckänderungen beim Teilwirbel vom 27. August, 1912. p. 11-14.

Meissner, Otto. Berliner Temperaturabnormitäten. p. 25-28.

Stock, Heinrich. Ein Beitrag zur Klimatologie Südbadens. p. 15-18.

Troeger, Heinz. Temperaturabnahme, Wolken und Obs.-Telegramme. p. 28-32.

Wegener, Kurt. Der funkentelegraphische Wetterdienst. p. 1-6.